GOVERNMENT OF INDIA
DEFENCE
LOK SABHA

UNSTARRED QUESTION NO:4779
ANSWERED ON:19.12.2002
DEVELOPMENT OF ENGINES FOR LCA
TUFANI SAROJ

Will the Minister of DEFENCE be pleased to state:

(a) whether India has developed engines of Light Combat Aircraft (LCA) which have been successfully tested in the Russian Defence Laboratory;

(b) if so, the time by which these engines are likely to be test-flown;

(c) whether these engines are fitted with fully indigenously developed spare parts; and

(d) if not, the ratio between the indigenous and imported spares?

Answer

MINISTER OF DEFENCE (SHRI GEORGE FERNANDES)

(a) Yes, Sir. The indigenously developed Kaveri engine has accumulated more than 1200 hours of ground testing. The core engine Kabini has been successfully tested at CIAM, Russia and the full engine is likely to be dispatched to Russia for altitude testing during January 2003.

(b) It is planned to carry out test flight of Kaveri engine with LCA by June 2005.

(c) & (d): The design of the Kaveri engine is totally indigenous. Major thrust has been given for indigenous development of materials, sub-systems and general spares. Kaveri engine is planned to have 75% indigenous content during initial series production and efforts would be made for raising it progressively.